

APS NOTES:

1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' MINIMUM SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09, SEC. 4E.10, FIG. 4E-3, FIG. 4E-4, AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS MD 190 (RIVER ROAD) AT LITTLE FALLS PARKWAY (SIGN# 36 & 37)

- A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS RIVER AT LITTLE FALLS, WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS LITTLE FALLS PARKWAY AT MD 190 (RIVER ROAD) (SIGN# 43, 44, 59 & 61)

- A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS LITTLE FALLS AT RIVER, WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
B. INSTALL CUT-THROUGH WALKWAY (STANDARD NO. MD 655.21).
C. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
D. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
E. BEGIN 12:1 RAMP.
F. 48:1 LEVEL LANDING AREA.
G. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
H. TIE NEW CURB TO EXISTING CURB AT JOINT.

GENERAL NOTES:

1. SEE SHEET 3 FOR SECTION A-A, B-B AND C-C.

TOD NO: XY128-08
SHA NO: MO474853
MD 190 @ Little Falls Parkway

LEGEND SYMBOL

- 18" PED POLE FOUNDATION
W/SIGN AND PUSHBUTTON
PED SIGN AND PUSHBUTTON
CONDUIT RUN

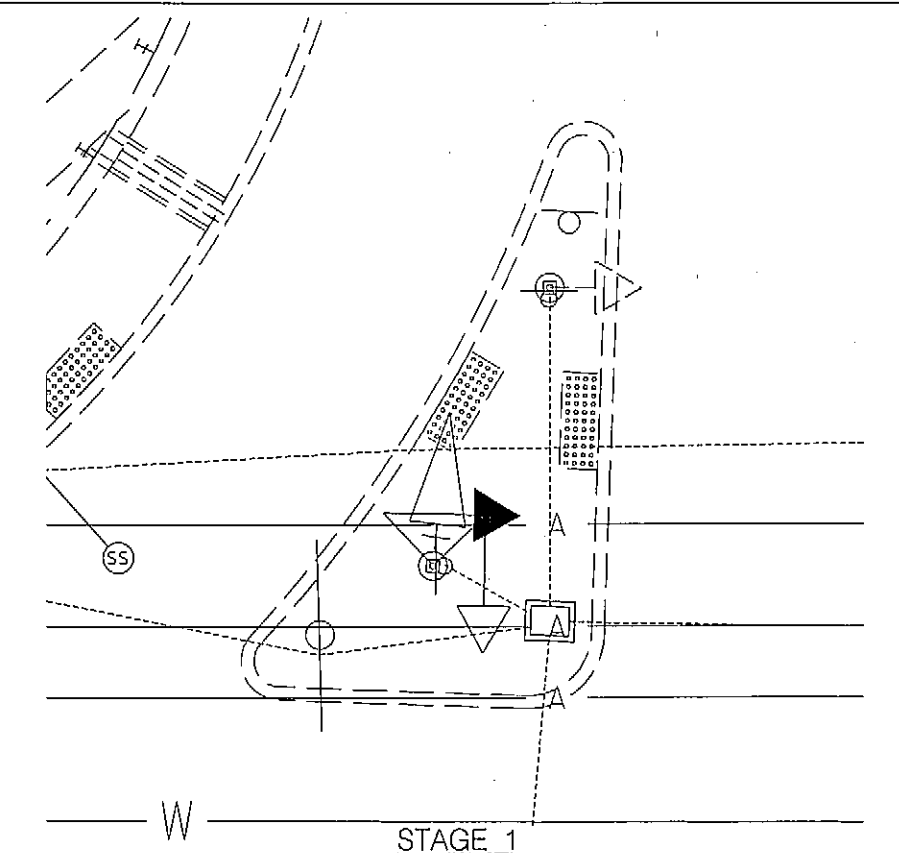
GEOMETRIC LEGEND

- EXISTING SIDEWALK/CURB
JOINT (APPROXIMATE)
NEW SIDEWALK AND
ADA HANDICAP RAMP

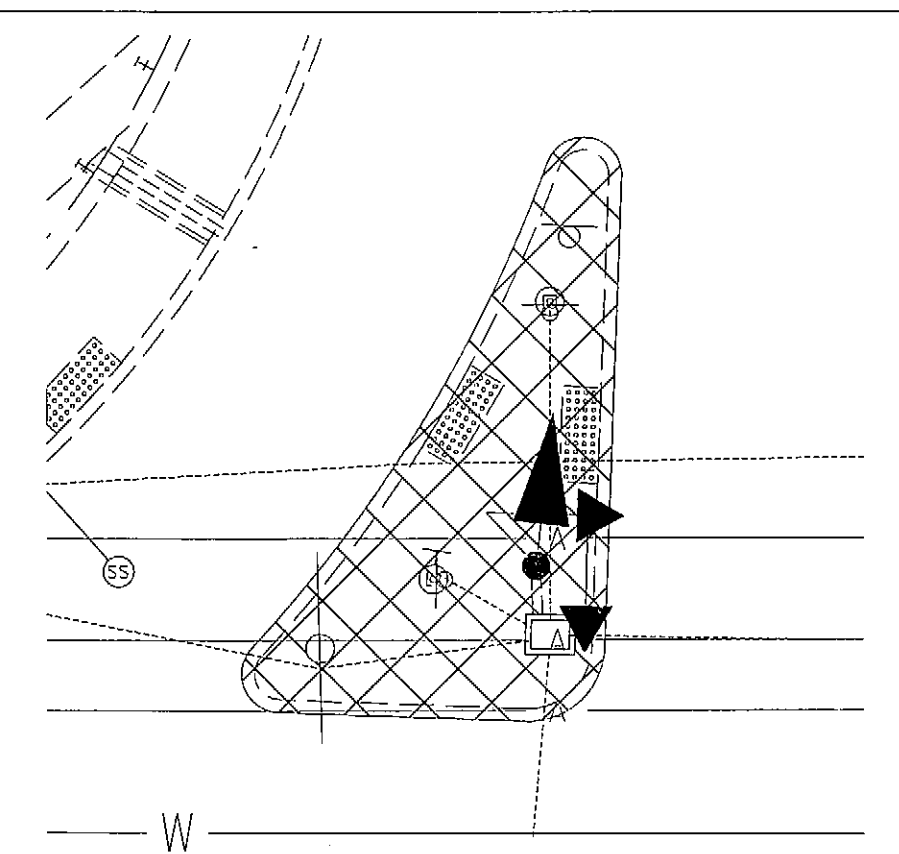
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PLOTTED: Thursday, March 21, 2013 AT 08:46 AM
FILE: P:\09-002 TEDD\Task 67 MD 190 & Little Falls Pkwy\Drawings\CADD\Working\p505-P002_M150@LFP.dgn

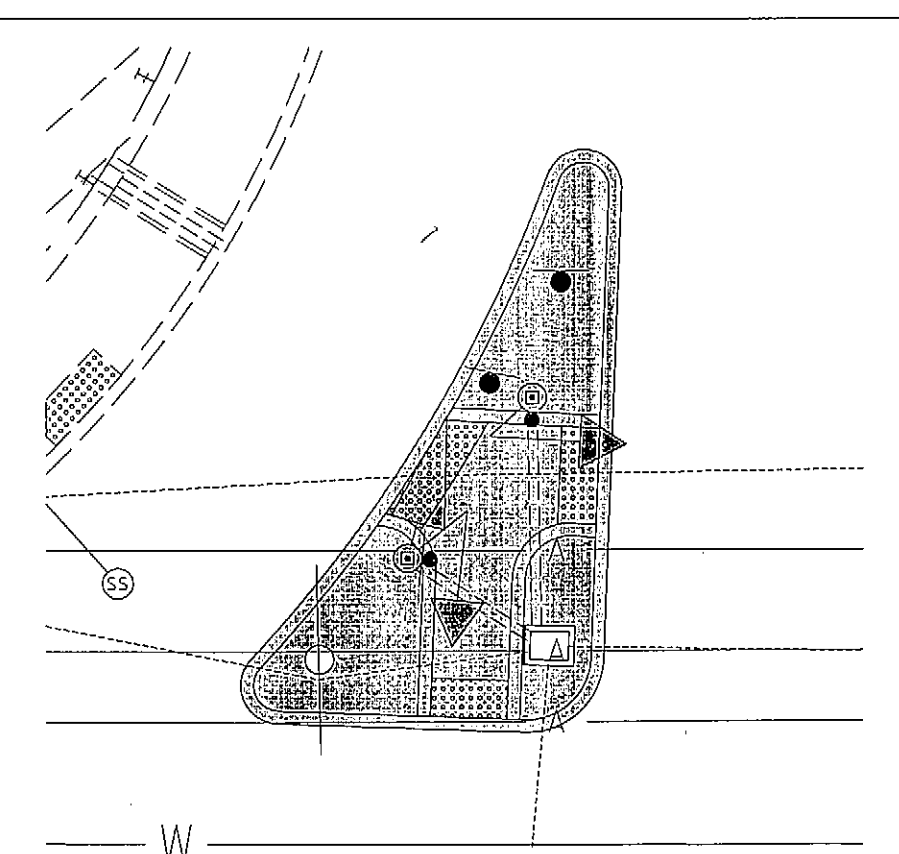
CONSTRUCTION STAGES:
ISLAND REBUILD IN NW QUADRANT
NOT TO SCALE



1. MOVE EXISTING SINGLE PED HEAD TO EXISTING 14' PEDESTAL POLE, PULL BACK AND REDIRECT WIRE.



1. MOVE EXISTING 14' PEDESTAL POLE ONTO NEW FOUNDATION FOR TEMPORARY POLE WITH ALL ATTACHED SIGNAL AND PED HEADS. PULL BACK AND REDIRECT EXISTING WIRE.
2. REMOVE CONCRETE (LEAVE EXISTING HANDHOLE, SIGNS, SIGNAL AND PED POLE WITH ALL REMAINING EQUIPMENT).
(NOTE: NO PUSHBUTTONS, PHASING WILL BE DEFAULT FOR CROSSINGS)



1. INSTALL PROPOSED 14' & 10' PEDESTAL POLES WITH NEW FOUNDATIONS, ALL NECESSARY SIGNALS AND EQUIPMENT.
2. PULL BACK EXISTING WIRE FROM TEMPORARY POLE AND REDIRECT.
3. INSTALL MEDIAN CUT-THROUGH AS SHOWN.
4. ADJUST HANDHOLE TO GRADE WITH NEW FRAME AND COVER.

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 190 (RIVER ROAD) AND LITTLE FALLS PARKWAY

BETHESDA, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' ADVERTISED DATE 03/2013 CONTRACT NO. XY1285185

DESIGNED BY DM COUNTY MONTGOMERY
DRAWN BY DM LOGMILE 15019015.19
CHECKED BY RM TMS NO. L310
F.A.P. NO. TOD NO.

TS NO. 3180 C DRAWING SG-2 OF 2 SHEET NO. 2 OF 4